

PATENT  
100868.53189US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Manfred FEUSTEL

Serial No.: Unassigned

Group Art Unit : Unassigned

Filed : February 24, 2004

Examiner : Unassigned

Title: APPARATUS FOR DETERMINING RHEOLOGICAL PROPERTIES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record in the above-captioned application the following documents:

US Patent No. 4,435,080 (attached);

US Patent No. 6,167,752 (attached);

US Patent No. 5,905,196 (attached);

DE No. 68919256 (and English language abstract-attached);

an article by Skytt et al., "A New Rheometer Measuring Infrared Dichroism in Molten Polymers Subjected to Transient and Steady Shear Flow" (to follow); and

an article by Matsuzaka et al., "A Rheo-Optical Apparatus for Simultaneous Detection of Rheology, Small-Angle Light Scattering, and Optical Microscopy Under Transient, Oscillatory, and Continuous Shear Flows" (to follow).

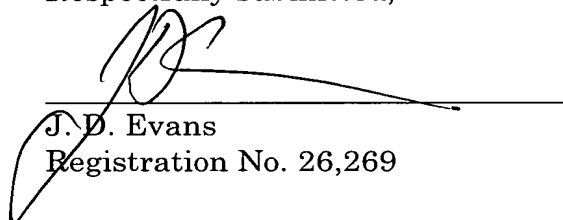
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The present Information Disclosure Statement is being filed concurrently with a new U.S. application. Therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The Examiner is respectfully requested to confirm receipt and consideration of the foregoing documents by initialing and returning a copy of the accompanying form PTO-1449.

Respectfully submitted,

February 24, 2004

  
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<b>Form PTO-1449</b> U.S. Department of Commerce Patent & Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>	Atty. Docket No. 100868.53189US	Serial No. Not Yet Assigned
	Applicant Manfred FEUSTEL et al.	
	Filing Date February 24, 2004	Group Not Yet Assigned

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA	4,435,080	3/1984	Zdenek et al.			
	AB	5,905,196	5/1999	Parshall			
	AC	6,167,752	1/2001	Gerhard			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes   No
	AK	DE 68919356	3/1995	Germany			Abstract
	AL						
	AM						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN	Skytt, M. et al., "A New Rheometer Measuring Infrared Dichroism in Molten Polymers Subjected to Transient and Steady Shear Flow" Polymer Engineering & Science, Society of Plastics Engineers, U.S. vol. 36, no. 13, 15 July 1996, pp 1737-1744.
	AO	Matsuzaka et al., "A Rheo-Optical Apparatus for Simultaneous Detection of Rheology, Small-Angle Light Scattering, and Optical Microscopy Under Transient, Oscillatory, and Continuous Shear Flows" Review of Scientific Instruments, American Institute of Physics, New York, U.S., vol.. 70, no. 5, May 1999, pp 2387-2397.
	AP	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.